

**REMARKS**

Claims 1, 2, 5-10, 13, 15-23, 25-38, and 40-43 are pending in the application. Claims 3-4, 11-12, 14, 24, and 39 have been previously canceled. Applicant acknowledges and appreciates the Examiner's indication that claims 1, 2, 5-10, 13, 15-17, 34-36, 38, and 40-43 are allowed. Applicant also notes the Examiner's objections to claims 18-23, 25-33, and 37.

Claim 37 is hereby canceled. Claim 18 is hereby amended to clarify the antecedent basis for the cited antenna. Additional claim language is added to claim 18 to make clear the reference is to the one antenna in which the two measured signals are induced.

In view of the foregoing, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding objections of the claims and to pass this application to issue.

The Commission is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 190610.

The undersigned is available for consultation at any time, if the Examiner believes such consultation may expedite the resolution of any issues.

Respectfully submitted,

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